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HMGIY / HMGA1 Antibody (aa1-53)

Rabbit Polyclonal Antibody
Catalog # ALS17012

Specification

HMGIY / HMGA1 Antibody (aa1-53) - Product Information

Application	**IHC-P, E**
Primary Accession	P17096
Other Accession	3159
Reactivity	**Human, Mouse, Rat, Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**11676**
Dilution	**IHC-P~~N/A E~~N/A**

HMGIY / HMGA1 Antibody (aa1-53) - Additional Information

Gene ID 3159

Other Names
HMGA1, High mobility group protein A1, High mobility group protein R, HMG-R, Hmg-i, HMGIY, High mobility group AT-hook 1, HMG-I(Y), HMGA1A

Target/Specificity
Human HMGIY / HMGA1

Reconstitution & Storage
PBS, pH 7, 1% BSA, 20% Glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions
HMGIY / HMGA1 Antibody (aa1-53) is for research use only and not for use in diagnostic or therapeutic procedures.

HMGIY / HMGA1 Antibody (aa1-53) - Protein Information

Name HMGA1

Synonyms HMGIY

Function
HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.

Cellular Location
Nucleus. Chromosome.

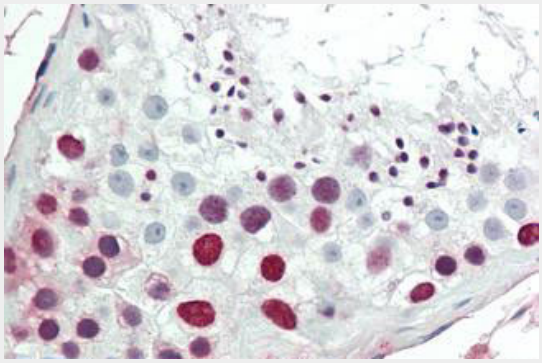
Volume
100 µl

HMGIY / HMGA1 Antibody (aa1-53) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HMGIY / HMGA1 Antibody (aa1-53) - Images



Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

HMGIY / HMGA1 Antibody (aa1-53) - Background

HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.

HMGIY / HMGA1 Antibody (aa1-53) - References

Eckner R.,et al.Nucleic Acids Res. 17:5947-5959(1989).
Johnson K.R.,et al.Mol. Cell. Biol. 9:2114-2123(1989).
Friedmann M.,et al.Nucleic Acids Res. 21:4259-4267(1993).
Nagpal S.,et al.J. Biol. Chem. 274:22563-22568(1999).
Mungall A.J.,et al.Nature 425:805-811(2003).